

## REV-31-115



Group: 31

## **R4000 DRY SERIES BATTERY**

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12 V
Capacity @ C100	119 Ah
Capacity @ C20	115 Ah
Capacity @ C10	110 Ah
Capacity @ C5	97 Ah
Capacity @ 75A	65 min
Capacity @ 25A	242 min
Energy @ C100	1428 Wh
Internal Resistance	4.45 mΩ
Short Circuit Current	3400 A
Self Discharge	<3% per Month

### **CHARGE** SPECIFICATIONS

Recommended Charge Current	12 - 23 A
Maximum Charge Current	29 A

Dimensions (L x W x H)	13.0 x 6.8 x 8.7" 330 x 173 x 220 mm	
Weight	67.5 lbs (30.6 kg)	
Terminal Type	AP & 5/16" Stud	
Terminal Torque AP	44 - 62 in-lbs (5 - 7 N-m)	
Terminal Torque STUD	120 - 180 in-lbs (14 - 20 N-m)	
Battery Type	VRLA	
Case Material	ABS	
Handle	Plastic	

### **TEMPERATURE SPECIFICATIONS**

Operation/Storage Temperature Range

-4 - 122 °F (-20 - 50 °C)

Certifications	UL1989
Shipping Classification	UN 2800, CLASS 8

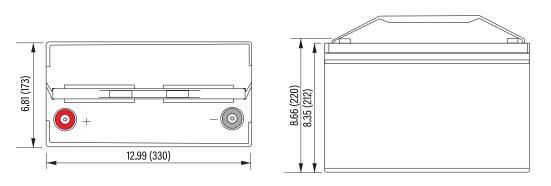
## CHARGE VOLTAGES

Charge Stage	12 V System	24 V System	36 V System	48 V System
Bulk/Absorption	14.4 V - 14.7 V	28.8 V - 29.4 V	43.2 V - 44.1 V	57.6 V - 58.8 V
Float	13.6 - 13.8 V	27.2 - 27.6 V	40.8 - 41.4 V	54.4 - 55.2 V

#### **CHARGE** TEMPERATURE COMPENSATION

Cold Temperature Charging	+2.8 mV/cell/°F	+5 mV/cell/°C
Hot Temperature Charging	-2.8 mV/cell/ºF	-5 mV/cell/°C

## **DIMENSIONAL SPECIFICATIONS**



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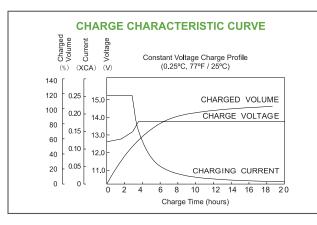
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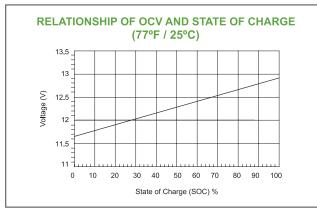


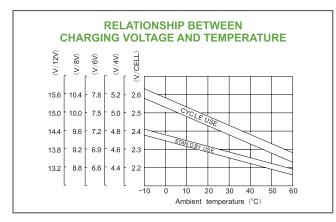


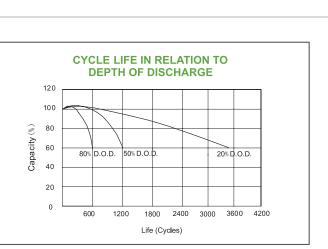
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## **PERFORMANCE CHARACTERISTICS**

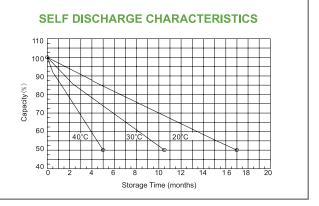


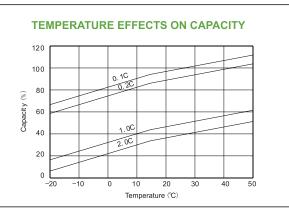






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